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|------|----|--------|---|
| NEWS | 1 | | Web Page for STN Seminar Schedule - N. America |
| NEWS | 2 | JAN 02 | STN pricing information for 2008 now available |
| NEWS | 3 | JAN 16 | CAS patent coverage enhanced to include exemplified prophetic substances |
| NEWS | 4 | JAN 28 | USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats |
| NEWS | 5 | JAN 28 | MARPAT searching enhanced |
| NEWS | 6 | JAN 28 | USGENE now provides USPTO sequence data within 3 days of publication |
| NEWS | 7 | JAN 28 | TOXCENTER enhanced with reloaded MEDLINE segment |
| NEWS | 8 | JAN 28 | MEDLINE and LMEDLINE reloaded with enhancements |
| NEWS | 9 | FEB 08 | STN Express, Version 8.3, now available |
| NEWS | 10 | FEB 20 | PCI now available as a replacement to DPCI |
| NEWS | 11 | FEB 25 | IFIREF reloaded with enhancements |
| NEWS | 12 | FEB 25 | IMSPRODUCT reloaded with enhancements |
| NEWS | 13 | FEB 29 | WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification |
| NEWS | 14 | MAR 31 | IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats |
| NEWS | 15 | MAR 31 | CAS REGISTRY enhanced with additional experimental spectra |
| NEWS | 16 | MAR 31 | CA/CAPLUS and CASREACT patent number format for U.S. applications updated |
| NEWS | 17 | MAR 31 | LPCI now available as a replacement to LDPCI |
| NEWS | 18 | MAR 31 | EMBASE, EMBAL, and LEMBASE reloaded with enhancements |
| NEWS | 19 | APR 04 | STN AnaVist, Version 1, to be discontinued |
| NEWS | 20 | APR 15 | WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats |
| NEWS | 21 | APR 28 | EMBASE Controlled Term thesaurus enhanced |
| NEWS | 22 | APR 28 | IMSRESEARCH reloaded with enhancements |
| NEWS | 23 | MAY 30 | INPAFAMDB now available on STN for patent family searching |
| NEWS | 24 | MAY 30 | DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option |
| NEWS | 25 | JUN 06 | EPFULL enhanced with 260,000 English abstracts |
| NEWS | 26 | JUN 06 | KOREAPAT updated with 41,000 documents |
| NEWS | 27 | JUN 13 | USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications |
| NEWS | 28 | JUN 19 | CAS REGISTRY includes selected substances from web-based collections |

NEWS 29 JUN 25 CA/CAPLUS and USPAT databases updated with IPC reclassification data

NEWS 30 JUN 30 AEROSPACE enhanced with more than 1 million U.S. patent records

NEWS 31 JUN 30 EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations

NEWS 32 JUN 30 STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in

NEWS 33 JUN 30 STN AnaVist enhanced with database content from EPFULL

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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NEWS IPC8 For general information regarding STN implementation of IPC 8

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* * * * * STN Columbus * * * * *

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FILE COVERS 1907 - 15 Jul 2008 VOL 149 ISS 3
FILE LAST UPDATED: 14 Jul 2008 (20080714/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

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L5 1 L4

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L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:1123882 CAPLUS <<LOGINID:20080715>>

DOCUMENT NUMBER: 143:405796

TITLE: Preparation of aroyl-substituted pyrrolidines as
 histamine H3 receptor ligands

INVENTOR(S): Beavers, Lisa Selsam; Finley, Don Richard; Finn, Terry
 Patrick; Gadski, Robert Alan; Hipskind, Philip Arthur;
 Hornback, William Joseph; Jesudason, Cynthia Darshini;
 Pickard, Richard Todd; Takakuwa, Takako; Vaught, Grant
 Mathews

PATENT ASSIGNEE(S): Eli Lilly and Company, USA

SOURCE: PCT Int. Appl., 179 pp.

 CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| ----- | ---- | ----- | ----- | ----- |
| WO 2005097740 | A1 | 20051020 | WO 2005-US10240 | 20050325 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, | | | | |

CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

| | | | | |
|---|----|----------|------------------|------------|
| AU 2005230881 | A1 | 20051020 | AU 2005-230881 | 20050325 |
| CA 2561628 | A1 | 20051020 | CA 2005-2561628 | 20050325 |
| EP 1735278 | A1 | 20061227 | EP 2005-730691 | 20050325 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR | | | | |
| CN 1960969 | A | 20070509 | CN 2005-80017146 | 20050325 |
| BR 2005009298 | A | 20070918 | BR 2005-9298 | 20050325 |
| JP 2007530698 | T | 20071101 | JP 2007-506412 | 20050325 |
| MX 2006PA11167 | A | 20070125 | MX 2006-PA11167 | 20060928 |
| US 20070208024 | A1 | 20070906 | US 2006-599488 | 20060929 |
| IN 2006KN02868 | A | 20070608 | IN 2006-KN2868 | 20061005 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | US 2004-558542P | P 20040401 |
| | | | US 2004-617101P | P 20041008 |
| | | | WO 2005-US10240 | W 20050325 |
| OTHER SOURCE(S): CASREACT 143:405796; MARPAT 143:405796 | | | | |
| GI | | | | |

/ Structure 2 in file .gra /

AB Title compds. I [Q, T, X, D = C, N provided no more than two are N; R1-3 = H, halo, alkyl, CN, carboxy, etc.; R4-5 = H, OH, halo, CF2H, etc.; R6 = H, halo, CF3, etc.] are prepd. For instance, II is prepd. in 3 steps from 4-(trifluoromethyl)phenylboronic acid, Me 4-bromobenzoate and (S)-1-(2-pyrrolidinylmethyl)pyrrolidine. Example compds. exhibit affinity for the H3 receptor greater than 1 .mu.M. I have histamine-H3 receptor antagonist or inverse agonist activity with affinity for the H3 receptor greater than 1 .mu.M. I are useful for the treatment of obesity, cognitive deficiencies, narcolepsy, and other histamine H3 receptor-related diseases.

II ***867255-05-8P*** ***867255-06-9P*** ***867255-15-0P***
867256-21-1P ***867256-22-2P*** ***867256-31-3P***

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of aroyl-substituted pyrrolidines as histamine H3 receptor ligands)

RN 867255-05-8 CAPLUS

CN Methanone, [3-fluoro-4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl] [(2S)-2-[[(2R)-2-methyl-1-pyrrolidinyl]methyl]-1-pyrrolidinyl]- (CA INDEX NAME)

Absolute stereochemistry.

/ Structure 3 in file .gra /

RN 867255-06-9 CAPLUS
CN Methanone, [4'-(ethylsulfonyl)-3-fluoro[1,1'-biphenyl]-4-yl][(2S)-2-[(2R)-2-methyl-1-pyrrolidinyl)methyl]-1-pyrrolidinyl]- (CA INDEX NAME)

Absolute stereochemistry.

/ Structure 4 in file .gra /

RN 867255-15-0 CAPLUS
CN Methanone, [3,5-difluoro-4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl][(2S)-2-[(2R)-2-methyl-1-pyrrolidinyl)methyl]-1-pyrrolidinyl]- (CA INDEX NAME)

Absolute stereochemistry.

/ Structure 5 in file .gra /

RN 867256-21-1 CAPLUS
CN Methanone, [3-fluoro-4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl][2-[(2-methyl-1-pyrrolidinyl)methyl]-1-pyrrolidinyl]- (CA INDEX NAME)

/ Structure 6 in file .gra /

RN 867256-22-2 CAPLUS
CN Methanone, [4'-(ethylsulfonyl)-3-fluoro[1,1'-biphenyl]-4-yl][2-[(2-methyl-1-pyrrolidinyl)methyl]-1-pyrrolidinyl]- (CA INDEX NAME)

/ Structure 7 in file .gra /

RN 867256-31-3 CAPLUS
CN Methanone, [3,5-difluoro-4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl][2-[(2-methyl-1-pyrrolidinyl)methyl]-1-pyrrolidinyl]- (CA INDEX NAME)

/ Structure 8 in file .gra /

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
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|--|------------------|---------------|
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| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | -0.80 | -0.80 |

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